

METHOD OF FABRICATING MICROMACHINED DEVICES

Abstract of the Disclosure

A method for fabricating a module for at least partially intercepting a light beam propagating along a beam path includes providing a single crystal silicon substrate with a first substrate surface and a second substrate surface. The method further includes forming a reflector support layer on the first substrate surface. The method further includes forming a support frame and at least one reflector by etching the substrate from the second substrate surface. The method further includes forming at least one electrical conduit on the reflector support layer. The method further includes forming a reflector support by etching the reflector support layer from the first substrate surface, the reflector support mechanically coupled to the support frame and the reflector, the reflector support movable such that the reflector is movable substantially perpendicularly to the first substrate surface.

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